

**UNITED STATES PATENT AND TRADEMARK OFFICE**

(Attorney Docket No. MBHB 05-583)

IN RE APPLICATION OF:	)	
	Gicquel et al.	)
		)
Serial No.	<b>10/541,970</b>	)
		Examiner: <b>Stouffer, Kelly M</b>
Filed:	<b>July 11, 2005</b>	)
		Group Art Unit: <b>1762</b>
Title	<b>High-Speed Diamond</b>	)
	<b>Growth using a</b>	)
	<b>Microwave Plasma in</b>	)
	<b>Pulsed Mode</b>	)

**RESPONSE TO THE FINAL OFFICE ACTION**  
**MAILED JANUARY 3, 2007**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

Responsive to the Final Office Action mailed January 3, 2007, Applicants respectfully request the Examiner to reconsider the above-identified patent application in view of the following amendments and remarks.

**Amendment to the Claims** begins on page 2 of this paper. The listing of claims will replace all prior versions and listings of claims in the application.

**Remarks** begin on page 5 of this paper.